

**Appendix Table 5-54 S&E articles in social sciences, by coauthorship attribute and selected region/country/economy: 2000–13**

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
World																
Total articles	27,052	29,389	39,308	42,427	45,714	50,378	53,867	58,375	65,026	72,734	81,722	87,800	93,543	99,332		
with multiple institutions	7,354	7,410	8,894	13,120	16,685	19,060	20,574	21,832	24,325	24,590	26,236	28,145	31,276	34,288		
with domestic institutions only	24,922	27,199	36,626	38,394	40,980	45,057	47,648	51,570	57,176	63,875	72,043	77,377	81,378	85,846		
with international institutions	2,130	2,190	2,682	4,033	4,734	5,321	6,219	6,805	7,850	8,859	9,679	10,423	12,165	13,486		
Canada																
Total articles	1,410	1,528	2,091	2,465	2,667	2,923	3,161	3,360	3,557	3,815	4,399	4,416	4,437	4,754		
with multiple institutions	499	499	582	962	1,133	1,296	1,380	1,526	1,602	1,571	1,710	1,746	1,950	2,058		
with domestic institutions only	1,125	1,253	1,760	1,956	2,088	2,284	2,443	2,539	2,679	2,880	3,350	3,314	3,161	3,445		
with international institutions	285	275	331	509	579	639	718	821	878	935	1,049	1,102	1,276	1,309		
Mexico																
Total articles	103	128	154	205	208	245	294	304	396	471	457	513	693	725		
with multiple institutions	51	47	61	92	93	110	148	146	182	197	209	226	296	312		
with domestic institutions only	66	95	108	142	144	176	178	206	277	342	320	364	504	521		
with international institutions	37	33	46	63	64	69	116	98	119	129	137	149	189	204		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
United States																	
Total articles	11,327	12,318	16,469	17,914	19,066	20,741	21,592	22,624	24,183	26,222	28,204	29,279	29,426	30,590			
with multiple institutions	3,791	3,826	4,435	6,355	8,251	9,051	9,647	9,763	10,541	10,217	10,317	10,991	11,520	12,251			
with domestic institutions only	10,251	11,187	15,064	15,904	16,668	18,199	18,591	19,454	20,635	22,319	24,090	24,906	24,478	25,310			
with international institutions	1,076	1,131	1,405	2,010	2,398	2,542	3,001	3,170	3,548	3,903	4,114	4,373	4,948	5,280			
Argentina																	
Total articles	80	98	95	143	154	145	150	209	294	377	418	488	612	610			
with multiple institutions	21	41	32	56	64	59	75	111	128	147	138	185	217	213			
with domestic institutions only	67	68	71	110	111	103	97	150	220	297	333	391	506	494			
with international institutions	13	30	24	33	43	42	53	59	74	80	85	97	106	116			
Brazil																	
Total articles	162	179	191	188	266	329	452	810	924	1,067	1,366	1,450	1,616	1,607			
with multiple institutions	57	60	78	87	132	177	244	387	459	519	643	599	757	775			
with domestic institutions only	130	139	146	150	187	215	340	642	741	877	1,145	1,238	1,332	1,337			
with international institutions	32	40	45	38	79	114	112	168	183	190	221	212	284	270			
Chile																	
Total articles	51	54	61	73	177	127	142	291	371	383	446	555	606	667			
with multiple institutions	19	15	26	32	91	68	74	113	159	174	191	260	261	269			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
with domestic institutions only	37	43	40	48	128	79	92	228	280	277	327	409	443	508			
with international institutions	14	11	21	25	49	48	50	63	91	106	119	146	163	159			
Austria																	
Total articles	150	191	246	276	366	341	427	427	522	584	643	717	837	853			
with multiple institutions	63	57	80	117	182	147	215	230	255	278	341	358	438	470			
with domestic institutions only	95	148	188	190	243	236	279	262	346	360	380	440	492	497			
with international institutions	55	43	58	86	123	105	148	165	176	224	263	277	345	356			
Belgium																	
Total articles	316	381	509	597	682	729	729	835	913	1,080	1,239	1,364	1,516	1,734			
with multiple institutions	125	136	150	251	322	358	364	434	464	506	597	628	748	856			
with domestic institutions only	225	277	399	405	457	490	489	524	575	705	808	908	950	1,105			
with international institutions	91	104	110	192	225	239	240	311	338	375	431	456	566	629			
Czech Republic																	
Total articles	118	136	180	254	244	239	292	333	401	454	578	639	781	817			
with multiple institutions	41	39	48	91	130	122	162	149	165	179	212	216	258	285			
with domestic institutions only	105	123	164	218	202	202	235	284	336	400	487	540	663	684			
with international institutions	13	13	16	36	42	37	57	49	65	54	91	99	118	133			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
Denmark																	
Total articles	236	255	318	323	367	421	439	477	557	647	718	895	960	1,009			
with multiple institutions	70	87	107	143	176	209	245	248	286	288	329	373	442	506			
with domestic institutions only	200	195	242	227	255	284	274	314	367	435	454	600	614	606			
with international institutions	36	60	76	96	112	137	165	163	190	212	264	295	346	403			
Finland																	
Total articles	182	194	290	303	307	357	369	372	476	519	562	648	689	720			
with multiple institutions	67	66	96	131	157	163	201	190	223	226	253	271	317	337			
with domestic institutions only	142	164	246	234	234	268	257	282	349	391	407	472	506	519			
with international institutions	40	30	44	69	73	89	112	90	127	128	155	176	183	201			
France																	
Total articles	998	1,572	2,355	2,645	2,945	2,960	3,178	3,425	3,619	4,187	4,560	4,808	5,008	5,231			
with multiple institutions	345	428	560	715	928	1,027	1,165	1,214	1,458	1,556	1,600	1,754	1,957	2,189			
with domestic institutions only	796	1,369	2,080	2,293	2,512	2,455	2,583	2,788	2,794	3,340	3,674	3,830	3,836	3,913			
with international institutions	202	203	275	352	433	505	595	637	825	847	886	978	1,172	1,318			
Germany																	
Total articles	1,340	1,418	2,050	2,099	2,404	2,680	2,947	3,132	3,448	3,963	4,377	4,903	5,428	5,791			
with multiple institutions	334	343	469	693	917	1,101	1,322	1,382	1,610	1,770	1,944	2,083	2,520	2,822			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
with domestic institutions only	1,149	1,201	1,763	1,665	1,845	2,019	2,140	2,264	2,427	2,761	3,037	3,494	3,742	3,855		
with international institutions	191	217	287	434	559	661	807	868	1,021	1,202	1,340	1,409	1,686	1,936		
Greece																
Total articles	158	163	229	297	312	331	347	361	419	454	553	583	616	664		
with multiple institutions	67	71	77	161	182	173	177	185	215	215	274	254	297	326		
with domestic institutions only	116	119	182	214	214	263	257	251	297	330	383	440	433	468		
with international institutions	42	44	47	83	98	68	90	110	122	124	170	143	183	196		
Hungary																
Total articles	101	78	133	138	145	120	182	287	351	380	364	453	485	467		
with multiple institutions	30	19	34	44	64	52	67	87	80	100	103	129	158	165		
with domestic institutions only	78	66	116	109	98	82	139	230	302	310	293	382	378	353		
with international institutions	23	12	17	29	47	38	43	57	49	70	71	71	107	114		
Ireland																
Total articles	130	133	199	207	247	265	311	377	423	484	577	661	626	665		
with multiple institutions	41	46	37	79	89	118	126	178	183	216	235	262	252	275		
with domestic institutions only	103	104	172	153	193	176	218	242	292	340	403	469	453	458		
with international institutions	27	29	27	54	54	89	93	135	131	144	174	192	173	207		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Italy																
Total articles	518	570	741	902	1,006	1,121	1,209	1,445	1,688	2,055	2,390	2,619	3,330	3,636		
with multiple institutions	224	228	246	398	497	569	617	742	881	937	1,009	1,117	1,469	1,606		
with domestic institutions only	390	439	610	655	741	791	807	987	1,148	1,481	1,759	1,911	2,428	2,649		
with international institutions	128	131	131	247	265	330	402	458	540	574	631	708	902	987		
Netherlands																
Total articles	752	854	1,034	1,087	1,238	1,362	1,523	1,689	1,886	2,083	2,342	2,409	2,768	2,960		
with multiple institutions	283	297	364	530	662	762	850	969	1,095	1,148	1,295	1,292	1,558	1,743		
with domestic institutions only	576	681	819	777	886	938	1,002	1,121	1,218	1,295	1,460	1,506	1,659	1,740		
with international institutions	176	173	215	310	352	424	521	568	668	788	882	903	1,109	1,220		
Poland																
Total articles	75	87	142	164	211	191	286	269	346	442	489	594	642	797		
with multiple institutions	24	24	36	49	87	78	98	97	111	120	177	172	214	252		
with domestic institutions only	60	69	116	136	155	148	234	199	269	364	387	497	513	673		
with international institutions	15	18	26	28	56	43	52	70	77	78	102	97	129	124		
Portugal																
Total articles	107	102	147	159	181	228	251	320	384	417	497	662	791	863		
with multiple institutions	35	27	55	63	79	109	128	154	198	213	259	340	429	515		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
with domestic institutions only	83	82	112	113	132	163	176	226	267	277	337	458	538	560		
with international institutions	24	20	35	46	49	65	75	94	117	140	160	204	253	303		
Romania																
Total articles	13	17	46	58	37	51	98	87	319	702	775	1,114	1,170	1,323		
with multiple institutions	6	7	11	12	14	12	33	34	81	257	217	261	256	295		
with domestic institutions only	7	11	38	49	25	40	77	60	285	630	723	1,047	1,086	1,231		
with international institutions	6	6	8	9	12	11	21	27	34	72	52	67	84	92		
Spain																
Total articles	551	562	864	956	1,043	1,150	1,334	1,467	1,845	2,255	2,497	3,246	3,884	4,072		
with multiple institutions	146	166	247	369	385	472	582	673	864	966	1,079	1,353	1,569	1,772		
with domestic institutions only	458	474	729	736	834	882	998	1,092	1,329	1,706	1,900	2,531	3,039	3,021		
with international institutions	93	88	135	220	209	268	336	375	516	549	597	715	845	1,051		
Sweden																
Total articles	359	377	482	548	582	693	765	809	1,006	1,034	1,136	1,323	1,471	1,637		
with multiple institutions	116	120	165	227	278	345	409	419	513	502	539	650	724	829		
with domestic institutions only	288	303	385	420	438	507	533	560	698	703	775	900	1,011	1,070		
with international institutions	71	74	97	128	144	186	232	249	308	331	361	423	460	567		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
United Kingdom																	
Total articles	4,718	4,333	5,629	6,292	6,730	7,594	8,142	8,782	9,017	10,039	11,076	12,198	13,046	13,811			
with multiple institutions	1,338	1,236	1,468	2,328	2,717	3,190	3,365	3,635	3,800	3,863	4,014	4,414	4,859	5,362			
with domestic institutions only	4,104	3,679	4,863	5,073	5,292	5,975	6,392	6,815	6,845	7,571	8,505	9,343	9,821	10,225			
with international institutions	614	654	766	1,219	1,438	1,619	1,750	1,967	2,172	2,468	2,571	2,855	3,225	3,586			
Norway																	
Total articles	233	261	344	369	427	505	547	615	684	779	908	1,026	1,058	1,114			
with multiple institutions	69	85	106	168	193	232	286	302	329	350	449	459	489	540			
with domestic institutions only	197	214	286	272	323	390	388	446	489	565	601	734	728	754			
with international institutions	36	47	58	97	104	115	159	169	195	214	307	292	330	360			
Russia																	
Total articles	109	83	137	157	162	189	224	243	238	321	362	442	667	791			
with multiple institutions	51	37	52	63	74	77	94	94	103	114	123	139	216	270			
with domestic institutions only	67	55	94	105	100	123	153	169	158	233	286	346	542	642			
with international institutions	42	28	43	52	62	66	71	74	80	88	76	96	125	149			
Switzerland																	
Total articles	261	312	440	457	504	627	608	741	897	946	1,126	1,187	1,342	1,377			
with multiple institutions	100	123	128	203	240	338	338	391	499	468	597	582	699	732			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
with domestic institutions only	177	227	343	303	321	373	356	442	513	576	665	711	799	742		
with international institutions	84	85	97	154	183	254	252	299	384	370	461	476	543	635		
Iran																
Total articles	9	11	20	28	29	43	62	86	94	153	194	157	244	334		
with multiple institutions	5	3	7	15	15	20	36	45	43	100	99	98	152	203		
with domestic institutions only	4	8	14	13	17	28	35	62	68	103	152	94	161	228		
with international institutions	5	3	6	15	12	15	27	24	26	50	42	63	83	106		
Israel																
Total articles	390	385	561	592	652	599	707	721	792	886	926	904	981	1,071		
with multiple institutions	144	141	177	239	277	285	312	309	357	362	380	365	395	427		
with domestic institutions only	300	295	444	451	496	443	516	529	580	685	689	700	749	813		
with international institutions	90	90	117	141	156	156	191	192	212	201	237	204	232	258		
Saudi Arabia																
Total articles	11	18	11	13	23	17	12	22	15	35	37	57	76	95		
with multiple institutions	5	4	2	7	11	8	3	6	7	16	18	29	38	57		
with domestic institutions only	7	18	9	7	13	12	11	17	11	21	21	34	42	41		
with international institutions	4	0	2	6	10	5	1	5	4	14	16	23	34	54		

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Turkey																
Total articles	106	117	216	265	247	380	383	488	584	752	1,019	1,039	1,175	1,194		
with multiple institutions	38	36	48	84	96	133	166	192	227	268	341	344	415	475		
with domestic institutions only	78	100	186	209	202	315	291	388	469	615	869	891	953	958		
with international institutions	28	17	30	56	45	65	92	100	115	137	150	148	222	236		
Egypt																
Total articles	19	14	23	29	22	41	40	55	52	78	76	106	127	136		
with multiple institutions	13	6	9	11	7	17	20	32	31	41	36	50	57	73		
with domestic institutions only	9	9	15	18	18	25	22	28	26	42	42	64	82	80		
with international institutions	10	5	8	11	4	16	18	27	26	36	34	42	45	56		
South Africa																
Total articles	305	332	470	499	620	598	681	643	878	900	1,142	1,245	1,369	1,558		
with multiple institutions	89	96	124	176	200	232	271	249	356	371	420	471	516	611		
with domestic institutions only	239	276	395	386	496	445	514	483	654	659	864	939	989	1,134		
with international institutions	66	56	75	113	124	153	167	160	224	241	278	306	380	424		
China																
Total articles	327	533	519	548	660	857	1,196	1,468	1,699	1,819	2,237	2,396	2,684	3,316		
with multiple institutions	144	170	191	273	398	415	583	807	932	1,008	1,230	1,342	1,628	2,027		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
with domestic institutions only	229	413	386	361	376	597	809	966	1,144	1,147	1,456	1,506	1,607	2,012		
with international institutions	98	120	133	187	284	260	387	502	555	672	781	890	1,077	1,304		
India																
Total articles	398	434	450	498	506	523	632	686	1,100	1,088	1,356	1,410	1,545	1,633		
with multiple institutions	80	101	108	177	181	192	218	268	364	429	442	450	579	621		
with domestic institutions only	349	373	397	404	403	426	513	525	904	854	1,124	1,188	1,264	1,289		
with international institutions	49	61	53	94	103	97	119	161	196	234	232	222	281	344		
Japan																
Total articles	463	502	586	678	725	967	918	1,009	1,038	1,114	1,366	1,314	1,413	1,475		
with multiple institutions	140	140	172	288	353	491	477	507	518	559	665	660	757	762		
with domestic institutions only	403	426	490	540	553	746	691	763	791	829	1,050	947	1,039	1,064		
with international institutions	60	76	96	138	172	221	227	246	247	285	316	367	374	411		
Malaysia																
Total articles	29	30	37	60	47	71	108	126	181	262	317	372	444	540		
with multiple institutions	8	10	11	26	24	33	58	55	86	123	154	171	238	288		
with domestic institutions only	22	24	31	42	30	50	72	100	129	198	230	281	336	397		
with international institutions	7	6	6	18	17	21	36	26	52	64	87	91	108	143		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
Singapore																	
Total articles	135	173	173	226	235	285	323	285	316	386	428	411	532	526			
with multiple institutions	33	28	47	77	94	109	150	118	156	188	170	189	284	257			
with domestic institutions only	109	151	140	168	166	209	212	188	195	222	276	244	283	304			
with international institutions	26	22	33	58	69	76	111	97	121	164	152	167	249	222			
South Korea																	
Total articles	133	170	218	223	284	288	344	380	542	599	806	840	988	1,080			
with multiple institutions	51	66	80	108	140	163	203	222	267	314	394	407	481	589			
with domestic institutions only	98	128	167	141	186	173	218	214	349	382	530	572	665	688			
with international institutions	35	42	51	82	98	115	126	166	193	217	276	268	323	392			
Taiwan																	
Total articles	112	147	181	177	230	317	397	402	558	578	681	739	898	914			
with multiple institutions	47	55	73	90	142	187	240	240	345	356	393	440	531	541			
with domestic institutions only	89	118	146	130	165	243	304	320	427	435	522	570	694	689			
with international institutions	23	29	35	47	65	74	93	82	131	143	159	169	204	225			
Australia																	
Total articles	1,131	1,135	1,496	1,734	1,893	2,054	2,220	2,306	2,981	3,336	3,844	3,793	4,357	4,728			
with multiple institutions	372	321	415	674	857	951	998	1,071	1,273	1,425	1,548	1,620	1,870	2,122			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
with domestic institutions only	947	969	1,277	1,379	1,474	1,613	1,715	1,753	2,291	2,511	2,926	2,799	3,197	3,450		
with international institutions	184	166	219	355	419	441	505	553	690	825	918	994	1,160	1,278		
New Zealand																
Total articles	225	259	285	371	335	436	457	497	547	621	716	750	788	737		
with multiple institutions	80	92	85	156	154	207	240	246	281	307	323	344	370	393		
with domestic institutions only	178	205	227	274	234	288	285	322	366	389	462	479	512	429		
with international institutions	47	54	58	97	101	148	172	175	181	232	254	271	276	308		

**NOTES:** Article counts refer to publications from a selection of journals, books, and conference proceedings in S&E from Scopus. Articles are classified by their year of publication and are assigned to a region/country/economy on the basis of the institutional address(es) listed in the article. Articles are credited on a whole-count basis (i.e., each collaborating country/economy is credited with one count). Countries/economies with less than 1% of internationally coauthored articles in 2013 are omitted. Articles with multiple institutions are counts of articles with two or more institutional addresses. Articles with domestic institutions only are counts of articles with one or more institutional addresses all within a single country/economy. Articles with international institutions are counts of articles with institutional addresses from more than one country/economy.

**SOURCES:** National Science Foundation, National Center for Science and Engineering Statistics; SRI International; Science-Metrix; Elsevier, Scopus abstract and citation database ([www.scopus.com](http://www.scopus.com)).

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